



Certificate of Mailing 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name of Person Signing Certificate:

2-09-04

Valarie L. Benson

Date

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Bruce D. Holenstein

§

§

§

Conf. No.: 3213

§ Group Art Unit: 2171

§

Appln. No.: 10/664,418

§ Examiner:

§

Filing Date: September 17, 2003

§ Attorney Docket No.: 9203-27U1

§

Title: ASYNCHRONOUS COORDINATED COMMIT REPLICATION AND DUAL
WRITE WITH REPLICATION TRANSMISSION AND LOCKING OF
TARGET DATABASE ON UPDATES ONLY

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are Information Disclosure Citation Forms PTO/SB/08A and B, which cite documents which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

In accordance with the official waiver posted July 11, 2003, wherein the U.S. Patent and Trademark Office officially waives the requirement under 37 C.F.R. § 1.98(a)(2)(i) for submitting copies of each cited U.S. Patent and U.S. Patent Application Publications with respect to applications filed after June 30, 2003, we have not included copies of such cited U.S. patent and U.S. Patent Application Publications. However, we will provide copies upon request. Copies of the non-patent references are attached hereto for the Examiner's convenience.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

No fee is believed to be due in connection with the filing of this Information Disclosure



Statement since it is being filed before the mailing date of the first Office Action on the merits. However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017 (209203.0039).

It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Forms PTO/SB/08A and B be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed documents be cited in the issued patent.

Respectfully submitted,

Bruce D. Holenstein et al

February 9, 2004
(Date)

Clark Jabol
CLARK A. JABLON
Attorney for Applicants
Registration No. 35,039
Direct Dial: (215) 965-1293
E-Mail: cjabol@akingump.com

Akin Gump Strauss Hauer & Feld LLP
One Commerce Square
2005 Market Street, Suite 2200
Philadelphia, PA 19103
Telephone No.: 215-965-1200
Fax No.: 215-965-1210

CAJ:vlb
Enclosures



Form PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

Application Number	10/664,418
Filing Date	September 17, 2003
First Named Inventor	Bruce D. Holenstein
Group Art Unit	2171
Examiner Name	

Attorney Docket Number 9203-27U1

U.S. PATENT DOCUMENTS

Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY
	Number	Kind Code (if known)		
	5,036,518		Tseung	07-1991
	5,276,871		Howarth	01-1994
	5,579,318		Reuss et al.	11-1996
	5,615,364		Marks	03-1997
	5,680,573		Rubin et al.	10-1997
	5,710,922		Alley et al.	01-1998
	5,721,915		Sockut et al.	02-1998
	5,721,916		Pardikar	02-1998
	5,721,918		Nilsson et al.	02-1998
	5,737,601		Jain et al.	04-1998
	5,740,433		Carr et al.	04-1998
	5,745,753		Mosher et al.	04-1998
	5,757,669		Christie et al	05-1998
	5,758,150		Bell et al.	05-1998
	5,781,910		Gostanian et al.	07-1998
	5,794,252		Bailey et al.	08-1998
	5,799,306		Sun et al.	08-1998
	5,799,322		Mosher Jr.	08-1998
	5,799,323		Mosher, Jr. et al.	08-1998
	5,806,075		Jain et al.	09-1998
	5,832,203		Putzolu et al	11-1998
	5,835,915		Carr et al.	11-1998
	5,884,325		Bauer et al.	03-1999
	5,884,328		Mosher Jr.	03-1999
	5,924,096		Draper et al.	07-1999
	5,970,488		Crowe et al.	10-1999
	5,991,771		Falls et al.	11-1999
	6,012,059		Neimat et al.	01-2000
	6,122,630		Strickler et al.	09-2000
	5,095,421		Freund	03-1992
	5,452,445		Hallmark et al.	09-1995
	5,734,898		He	03-1998
	5,884,327		Cotner et al.	03-1999
	5,778,388		Kawamura et al.	07-1998
	5,799,305		Bortvedt et al.	08-1998
	5,870,761		Demers et al.	02-1999
	5,924,095		White	07-1999
	6,032,158		Mukhopadhyay et al.	02-2000
	6,243,702		Bamford et al.	06-2001
	6,243,715		Bogantz et al.	06-2001
	6,353,834		Wong et al.	03-2002
	6,493,726		Ganesh et al.	12-2002
Examiner Signature			Date Considered	

7138206 v1

T1 - Place a check mark if English language translation is attached.



Form PTO/SB/08B				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/664,418
Sheet	2	of	2	Filing Date	September 17, 2003
				First Named Inventor	Bruce D. Holenstein
				Group Art Unit	2171
				Examiner Name	
				Attorney Docket Number	9203-27U1
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or country where published.				T ₁
	Description of Two-Phase Commit Mechanism, Oracle8 Distributed Database Systems, Release 8.0, Document No. A58247-01, 1997, 3 pages.				X
	Processing SQL Statements, Oracle7 Server Application Developer's Guide, 1996, 26 pages.				X
	Data Concurrency, Oracle7 Server Concepts Manual, 1996, 28 pages.				X
	Image/SQL: Issues and answers concerning SQL tables, Hewlett-Packard Company, November 29, 1995, 34 pages.				X
	Q&A: Replication in Microsoft Access for windows 95, Microsoft Office Developer Forum, November 22, 1995, 8 pages.				X
	Multi-Version Concurrency Control, PostgreSQL User's Guide, Index and Chapter 10, 60-63, 1996-99, 11 pages.				X
	BODIN et al., "Evaluating Two Loop Transformations for Reducing Multiple Writer False Sharing", 7th Annual Workshop on Languages and Compiler for Parallel Computing, New York, Aug. 1994.				X
	Oracle SQL*Loader FAQ, printout from web site: http://www.orafaq.org/faqloadr.htm , printout date: June 1, 2001, article date: January 23, 2001, 6 pages.				X
	Using the Oracle Bulk Loader, printout from web site: http://www-db.stanford.edu/~ullman/fcdb/oracle/or-load.html , printout date: June 1, 2001, article date: 1997-1999, 4 pages.				X
	Solutions to Common SQL*LOADER Questions, printout from web site: http://www.fors.com/orasupp/rdbms/utils/140121_1.htm , printout date: June 1, 2001, article date: February 1995, 5 pages.				X
	VERITAS Volume Replicator™ 3.2, Administrator's Guide, August 2001, pages 1-4.				X
	Double-Take Theory of Operation, Network Specialists, Inc., September 2001, pages 31-34.				X
	Sun StorEdge™ Network Data Replicator Software Boosts Data Center Resilience, Storage White Paper, Sun Microsystems, original publication data is unknown, printout from Sun Microsystems web site: http://www.sun.com/storage/white-papers/sndr.html printout date: January 18, 2002, 25 pages.				X
	Disk Mirroring – Local or Remote, White Paper, Computer Network Technology Corp. (CNT), 2001, 14 pages (no page 2).				X
	"The Advantages and Disadvantages of Mirroring, Shared Disk and File Replication as High Availability Architectures," printout from google.com cache of web site: http://kb.com.vinca.com/public/whitepapers/ntco_ha4nt.html printout date: March 1, 2002, 5 pages.				X
	Replication Agent for IMS and VSAM User's Guide for MVS, original publication date is unknown, printout from Sybase web site: http://manuals.sybase.com/onlinebooks/group-ra/rav110e/bmcug , printout date: January 23, 2002, 12 pages.				X
Examiner Signature				Date Considered	